PATENT ABSTRACTS OF JAPAN

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(21) Application number: 10073092 (71) Applicant: NIPPON SODA CO LTD

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(54) SUSPENDED STATE AGROCHEMICAL COMPOSITION AND ITS PRODUCTION

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a practicable, efficient and suspended state agrochemical composition preparation capable of avoiding rising-up of powder, having good preservation stability, capable of being diluted with both water and a nonaqueous solvent.

SOLUTION: This suspended state agrochemical com-

position having 0.5-3 μ m average particle diameter of an agrochemically active ingredient and dilutable in both water and a nonaqueous solvent is obtained by mixing the nonaqueous solvent such as a mineral oil or a vegetable oil incompatible with the water, with a fatty acid ester of a sorbitan or a sucrose, and a nonionic surfactant having 8-15 HLB, adding an agrochemically active ingredient previously pulverized to 5-10 μ m by a dry pulverizer, to the obtained mixture, and further pulverizing the obtained mixture with the added agrochemically active ingredient by a wet pulverizer.

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